

Converting Colors

YUV(175.8130, -2.8658,
32.6130)

Have a look what the booklet for
YUV(175.8130, -2.8658, 32.6130)
contains.

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Color

**YUV(175.8130, -2.8658,
32.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	D59EAA
RGB	213, 158, 170
RGB Percent	84%, 62%, 67%
CMY	0.1647, 0.3804, 0.3333
CMYK	0.00, 0.26, 0.20, 0.16
HSL	347°, 40%, 73%
HSV	347°, 26%, 84%
XYZ	46.9231, 41.5021, 43.5678
YIQ	175.8130, 28.9280, 15.3920

Conversions

Conversions Part 2

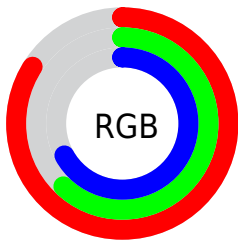
Format	Color
R _Y B	213, 158, 170
Decimal	13999786
CIE Lab	70.53, 22.21, 1.81
CIE LCh	71, 22.287, 4.647
Yxy	41.5021, 0.3555, 0.3144
Android (android.graphics.Color)	4292189866 (0xFFD59EAA)
YUV	175.8130, -2.8658, 32.6130
Hunter-Lab	64.4221, 17.2752, 4.9985

Details

The YUV color **175.8130, -2.8658, 32.6130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **195.1870, 2.8658, -32.6130**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.9260, -0.9495, 24.6209**, and **122.6170, -2.2762, 30.1539** is the 20% darker color. If you saturate the color by 10%, you get **161.5480, -4.2142, 45.1234**, and if you desaturate by 10%, it is **190.0780, -1.5175, 20.1026**.

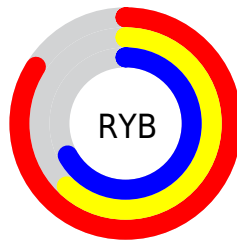
Distribution



Red (84%)

Green (62%)

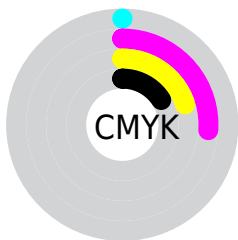
Blue (67%)



Red (84%)

Yellow (62%)

Blue (67%)

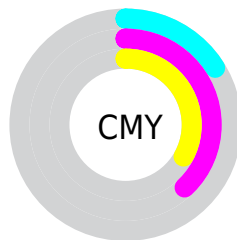


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (16%)



Cyan (16%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.8130, -2.8658, 32.6130 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 175.8130, -2.8658, 32.6130 by changing the saturation by 10% instead.


 175.8130, -2.8658,
32.6130

 175.8130, -2.8658,
32.6130

255.0000, 0.0000,
0.0000


 149.2150, -2.5710,
31.3834


 226.9260, -0.9495,
24.6209


 122.6170, -2.2762,
30.1539

 246.6680, 3.6147,
7.3072

 97.9050, -2.4182,
29.0243

 73.4210, -1.6866,
27.6948

 49.9370, -0.9549,
26.3653

 27.1540, -0.0759,
24.4209

 11.1770, -5.0173,

22.6468

0.0000, 0.0000,
0.0000

175.8130, -2.8658,
32.6130

175.8130, -2.8658,
32.6130

161.5480, -4.2142,
45.1234

190.0780, -1.5175,
20.1026

146.8100, -4.8363,
58.0486

204.8160, -0.8953,
7.1774

132.5450, -6.1847,
70.5590

219.0810, 0.4531,
-5.3330

118.2800, -7.5330,
83.0694

233.3460, 1.8014,
-17.8434

104.1290, -8.4446,
95.4799

242.2140, 5.3175,
-25.6207

■ 89.2770, -9.5036,
108.5051

■ 242.4420, 6.1911,
-25.8206

■ 75.0120, -10.8519,
121.0155

■ 68.9310, -11.3050,
126.3485

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175.9780, 6.9128, 22.8213



175.8130, -2.8658, 32.6130



174.7070, -12.1806, 33.5830

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



175.8130, -2.8658, 32.6130



168.7700, -14.6766, -5.9373



167.0570, 20.1849, -34.2530

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



175.8130, -2.8658, 32.6130



195.1870, 2.8658, -32.6130

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



164.3350, 15.1178, -42.3898



175.8130, -2.8658, 32.6130



166.0650, -5.4550, -23.7360

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



175.8130, -2.8658, 32.6130



171.3270, -19.3882, 11.9912



164.1370, 5.3555, -37.8311



171.5800, 20.4201, -16.2947

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.8130, -2.8658, 32.6130



173.5340, -16.5323, 29.3497



164.1370, 5.3555, -37.8311



166.0950, 19.1802, -38.6713

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



175.8130, -2.8658, 32.6130



241.4360, -1.2009, 11.8956



176.8280, 17.8328, 20.3218



119.2290, -0.6059, 7.6922



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



175.8130, -2.8658, 32.6130



201.5590, -4.2196, 46.8678



183.2500, -12.4482, 26.0907



99.6310, -0.3111, 6.4626



55.3470, -9.0451, 101.4277



13.8830, -2.4073, 25.5356

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



175.8130, -2.8658, 32.6130



201.5590, -4.2196, 46.8678



187.7500, 12.4482, -26.0907



99.6310, -0.3111, 6.4626



55.3470, -9.0451, 101.4277



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 175.8130, -2.8658, 32.6130 looks on a white background.

Color Contrast Check

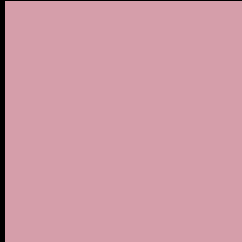
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 175.8130, -2.8658, 32.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

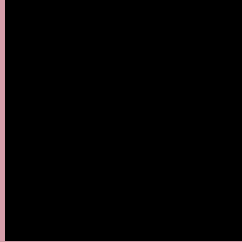
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 175.8130, -2.8658, 32.6130

Background



This preview shows how black text looks on a background with the YUV color 175.8130, -2.8658, 32.6130.



This preview shows how white text looks on a background with the YUV color 175.8130, -2.8658,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

175.8130, -2.8658, 32.6130

Protanopia

173.2820, 2.3260, 0.6297

Deuteranopia

174.2900, -3.1010, 14.6547



Tritanopia

175.8130, -2.8658, 32.6130

Trichromacy



Original Color

175.8130, -2.8658, 32.6130

Protanomaly

174.1910, 0.3988, 12.1105

Deuteranomaly

175.0350, -2.9753, 21.0173

Tritanomaly

175.8130, -2.8658, 32.6130

Monochromacy



Original Color

175.8130, -2.8658, 32.6130

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.5500, -0.7642, 11.7956

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8130, -2.8658, 32.6130 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(213, 158, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 158, 170) }
```

Border

The CSS property to change the border of an element to YUV 175.8130, -2.8658, 32.6130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 158, 170) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 158, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(213, 158,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 175.8130, -2.8658, 32.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 158, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
158, 170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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